

PI 542092 to 542098-continued

PI 542098 **origin:** Pakistan. **collected:** April 14, 1986. **other id:** W6-2698. **locality:** Sandy, rocky soil in wheat field, mountains along Bannu-Kohat Road, NWFP. **elevation:** 914m. Wild. Seed.

PI 542099 to 542101. Zea mays L. subsp. mays POACEAE Corn

Donated by: Cross, H.Z., Agricultural Research Service -- USDA, North Dakota State University, Fargo, North Dakota, United States; and North Dakota Agr. Exp. Sta.. **remarks:** NDSAB(MS)C8(LM)C3, NDSD(FS)C1(LM)C4, & NDSM Maize Germplasm. Received June 18, 1990.

PI 542099 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, North Dakota State University, Fargo, North Dakota 58105. **cultivar:** NDSAB(MS)C8(LM)C3. **pedigree:** Derived from NDSAB(MS)C8 by three cycles of mass selection for low ear moisture at physiological maturity. **other id:** GP-227. **source:** Crop Sci. 31(1):239 1991. **group:** CSR-MAIZE. **remarks:** Yellow, dent synthetic derived from NDSAB(MS)C8. Significantly lower ear moisture at harvest. Increased resistance to root lodging. Good agronomic characteristics including resistance to stalk lodging. Maturity AES200. Spring Annual. Breeding Material. Seed.

PI 542100 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, North Dakota State University, Fargo, North Dakota 58105. **cultivar:** NDSD(FS)C1(LM)C4. **pedigree:** Derived from four cycles of selection for low ear moisture at physiological maturity from NDSD(FS)C1. **other id:** GP-228. **source:** Crop Sci. 31(1):239 1991. **group:** CSR-MAIZE. **remarks:** Yellow, dent synthetic derived from NDSD(FS)C1. Significantly lower ear moisture at harvest. High resistance to stalk lodging. Good agronomic characteristics. Maturity AES200. Spring Annual. Breeding Material. Seed.

PI 542101 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, North Dakota State University, Fargo, North Dakota 58105. **cultivar:** NDSM. **pedigree:** Thirteen lines including ND250, ND101, CM153, A654, ND468, A664, PA363, ND363, W59E, ND8RF, CM105, ND245, and ND247. **other id:** GP-229. **source:** Crop Sci. 31(1):239 1991. **group:** CSR-MAIZE. **remarks:** Yellow, dent synthetic derived from 13 lines with demonstrated high combining ability for grain yield and resistance to stalk breakage. Maturity AES200. Yields high. Excellent lodging resistance. Spring Annual. Breeding Material. Seed.